

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|------------------|
| L1 | 1213 | 73/304C.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/14 15:41 |
| L2 | 2517 | 73/290R.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/14 14:19 |
| L4 | 50 | 2 and (electrode near4 pair) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/14 14:20 |
| L5 | 172 | 1 and (electrode near4 pair) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/14 15:41 |
| L6 | 37 | 4 and (circuit or controller or CPU or microcontroller or microprocessor) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/14 14:23 |
| L7 | 151 | 5 and (circuit or controller or CPU or microcontroller or microprocessor) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/14 14:36 |
| L8 | 18 | 6 and resistance | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/14 14:23 |
| L9 | 71 | 7 and resistance | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/14 14:23 |

EAST Search History

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|-----|------|--|---|----|----|------------------|
| L10 | 8 | 8 and switch | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/14 14:24 |
| L11 | 33 | 9 and switch | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/14 14:32 |
| L12 | 1 | 10 and consumption | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/14 14:41 |
| L13 | 6 | 11 and consumption | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/14 14:35 |
| L14 | 2364 | ((fluid or liquid or water or fuel or material or substance) near4 (added or consumed)) and (container or tank or vessel or pitcher) and (electrode near4 pair) and resistance | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/14 14:43 |
| L15 | 1644 | 14 and (circuit or controller or CPU or microcontroller or microprocessor) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/14 14:37 |
| L16 | 297 | ((fluid or liquid or water or fuel or material or substance) near4 (added or consumed)) and (container or tank or vessel or pitcher) and (electrode near4 pair) and switch and (\$4functional) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/14 14:37 |
| L17 | 261 | 16 and (circuit or controller or CPU or microcontroller or microprocessor) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/14 15:41 |

EAST Search History

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|-----|------|--|---|----|----|------------------|
| L18 | 171 | 17 and filter | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/14 14:39 |
| L19 | 75 | 18 and consumption | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/14 14:41 |
| L20 | 341 | (filtered near4 water) and filter and (container or tank or pitcher) and (functional or operational or working) and hopper | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/14 14:44 |
| L21 | 12 | 20 and (added or consumed) and (electrode near4 pair) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/14 15:41 |
| L22 | 199 | (filtered near4 water) and filter and (container or tank or pitcher)and (circuit or controller or CPU or microcontroller or microprocessor)and (electrode near4 pair) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/14 14:45 |
| L23 | 176 | 22 and (added or consumed) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/14 14:45 |
| L24 | 1220 | 73/304R.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/14 15:41 |
| L25 | 127 | 24 and (electrode near4 pair) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/14 15:41 |

EAST Search History

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| L26 | 118 | 25 and (circuit or controller or CPU or microcontroller or microprocessor) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/14 15:41 |
| L27 | 31 | 26 and (added or consumed) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/14 15:42 |
| S1 | 1195 | 73/304C.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/14 14:19 |
| S2 | 2474 | 73/290R.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/14 14:19 |
| S3 | 166 | S1 and (electrode near4 pair) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/14 13:33 |
| S4 | 48 | S2 and (electrode near4 pair) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/14 14:20 |
| S5 | 22 | S3 and ((control near4 unit) or controller) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/26 18:24 |
| S6 | 4 | S4 and ((control near4 unit) or controller) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/25 18:04 |

EAST Search History

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|-----|------|--|---|----|----|------------------|
| S7 | 19 | S5 and circuit | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/25 18:01 |
| S8 | 3 | S6 and circuit | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/14 14:22 |
| S9 | 2 | S8 and switch | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/14 14:24 |
| S10 | 14 | S7 and switch | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/25 17:58 |
| S11 | 0 | S9 and (functional or nonfunctional) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/25 17:44 |
| S12 | 3 | S10 and (functional or nonfunctional) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/25 17:58 |
| S13 | 1151 | (filter\$2 near4 water) and (electrode near4 pair) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/25 17:57 |
| S14 | 305 | S13 and ((control near4 unit) or controller) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/13 11:11 |

EAST Search History

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|-----|------|---------------------------------------|---|----|----|------------------|
| S15 | 215 | S14 and circuit | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/25 17:58 |
| S16 | 112 | S15 and switch | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/10 19:03 |
| S17 | 44 | S16 and (functional or nonfunctional) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/25 17:58 |
| S18 | 5 | S7 and filter | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/25 18:02 |
| S19 | 2 | S8 and filter | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/25 18:03 |
| S20 | 2 | S9 and filter | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/25 18:03 |
| S21 | 5 | S10 and filter | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/25 18:03 |
| S22 | 1191 | 73/304R.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/25 18:05 |

EAST Search History

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|-----|------|---|---|----|----|------------------|
| S23 | 116 | S22 and (electrode near4 pair) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/25 18:05 |
| S24 | 25 | S23 and ((control near4 unit) or controller) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/25 18:05 |
| S25 | 21 | S24 and circuit | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/25 18:06 |
| S26 | 17 | S25 and switch | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/26 18:23 |
| S27 | 1244 | (filtered near4 water) and filter and switch and (functional or operational or working) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/26 18:29 |
| S28 | 301 | S27 and electrode | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/26 18:29 |
| S29 | 128 | S28 and ((control near4 unit) or controller) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/26 18:29 |
| S30 | 85 | S29 and circuit | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/26 18:30 |

EAST Search History

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|-----|-----|--|---|----|----|------------------|
| S31 | 6 | S30 and hopper | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/10 19:03 |
| S32 | 319 | (filtered near4 water) and filter and (container or tank or pitcher) and (functional or operational or working) and hopper | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/10 18:59 |
| S33 | 85 | S32 and electrode | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/26 18:29 |
| S34 | 20 | S33 and ((control near4 unit) or controller) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/26 18:29 |
| S35 | 7 | S34 and circuit | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/26 18:30 |
| S36 | 319 | (filtered near4 water) and filter and (container or tank or pitcher) and (functional or operational or working) and hopper | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/13 11:44 |
| S37 | 94 | S36 and consumption | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/26 20:35 |
| S38 | 4 | S37 and (electrode near4 pair) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/26 20:10 |

EAST Search History

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|-----|------|---|---|----|----|------------------|
| S39 | 0 | "6962079".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/27 20:38 |
| S40 | 169 | hopper and filter and (water near (pitcher or container)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/27 20:39 |
| S41 | 2 | hopper and filter and (water near pitcher) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/27 20:39 |
| S42 | 10 | ("0444013" "4298475" "4623457" "4969996" "5049272" "5190643" "5637214" "5964909" "6103114").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/28 11:31 |
| S43 | 328 | (filtered near4 water) and filter and (container or tank or pitcher) and (functional or operational or working) and hopper | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/14 14:42 |
| S44 | 9 | S43 and (electrode near4 pair) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/02 12:57 |
| S45 | 3459 | (filtered near4 water) and filter and (container or tank or pitcher) and (bin or reservoir or hopper) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/02 12:57 |
| S46 | 125 | S45 and (electrode near4 pair) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/02 12:57 |
| S47 | 37 | ("4623457").URPN. | USPAT | OR | ON | 2006/02/02 13:38 |
| S48 | 9 | ("5637214").URPN. | USPAT | OR | ON | 2006/02/02 13:46 |
| S49 | 1 | "6214239".pn. | USPAT | OR | ON | 2006/02/02 13:46 |

EAST Search History

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|-----|-------|---|---|----|----|------------------|
| S50 | 8 | ("6103114").URPN. | USPAT | OR | ON | 2006/02/02 13:46 |
| S51 | 1323 | 73/861.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/09 17:06 |
| S52 | 424 | 73/861.08.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/09 17:06 |
| S53 | 161 | 73/861.78.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/09 17:06 |
| S54 | 482 | 73/861.79.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/09 17:06 |
| S55 | 23254 | (water near4 filter) and (status or function) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/09 17:12 |
| S56 | 62440 | (detection near4 sensor) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/09 17:13 |
| S57 | 86782 | (detection near4 circuit) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/09 17:13 |
| S58 | 10218 | S56 and S57 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/09 17:13 |
| S59 | 6528 | S58 and (controller or CPU or microcontroller or processor or microprocessor) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/15 16:19 |
| S60 | 6372 | S59 and (added or consumed or used or poured or emptied) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/09 17:33 |
| S61 | 67 | S60 and S55 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/09 18:06 |

EAST Search History

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|-----|------|--|---|----|----|------------------|
| S62 | 329 | (filtered near4 water) and filter and (container or tank or pitcher) and (functional or operational or working) and hopper | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/09 18:07 |
| S63 | 127 | (filtered near4 water) and filter and (container or tank or pitcher) and (display or indicator or LCD or readout) and hopper | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/09 19:54 |
| S64 | 44 | S63 and (useage or consumption) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/09 19:47 |
| S65 | 50 | S63 and (usage or consumption) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/09 19:54 |
| S66 | 1811 | brita | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/09 19:41 |
| S67 | 0 | S63 and S66 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/09 20:01 |
| S68 | 1 | (filtered near4 water) and filter and (container or tank or pitcher) and hopper and S66 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/09 19:44 |
| S69 | 2432 | clorox | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/09 19:44 |

EAST Search History

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| S70 | 0 | (filtered near4 water) and filter and (container or tank or pitcher) and hopper and S69 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/09 19:44 |
| S71 | 130 | (filtered near4 water) and S69 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/09 19:44 |
| S72 | 40 | (filtered near4 water) and filter and (container or tank or pitcher) and S69 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/09 19:45 |
| S73 | 22 | S72 and (usage or consumption) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/09 19:45 |
| S74 | 14 | S73 and (display or indicator or LCD or readout) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/09 19:45 |
| S75 | 308 | (water near4 filter) and (container or tank or pitcher) and (display or indicator or LCD or readout) and (filter near4 change) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/09 19:54 |
| S76 | 133 | S75 and (usage or consumption) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/09 20:01 |
| S77 | 75 | S76 and (controller or CPU or microcontroller or processor or microprocessor) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/09 19:56 |
| S78 | 10 | S75 and hopper | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/09 20:01 |

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| S79 | 94 | S75 and (useage or consumption) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/09 20:01 |
| S81 | 234 | S75 and (useage or consumption or consumed or added) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/09 20:11 |
| S82 | 245 | S75 and (usage or consumption or consumed or added) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/09 20:07 |
| S83 | 228 | S81 and ((volum\$5 or amount) and (time or period)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/09 20:12 |
| S84 | 238 | S82 and ((volum\$5 or amount) and (time or period)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/09 20:12 |
| S85 | 38 | ("0483951" "0669347" "0803029" "1924468" "2638581" "3013431" "3834230" "4116371" "4183450" "4196081" "4431533" "4496906" "4741697" "4779456" "4806912" "4895648" "4986901" "4998228" "5076912" "5190643" "5296148" "5328597" "5457665" "5458766" "5536394" "5536395" "5785844" "5882507" "D363760" "D386041" "D390629" "D406536").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/10 18:40 |

EAST Search History

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|-----|-----|---|------------------------------|----|----|------------------|
| S86 | 428 | ("0329064" "0535817" "0606804" "1508056" "1934159" "20010037970" "20010040121" "20010054583" "20020005379" "20020134714" "20030010721" "2019319" "2280033" "2407190" "2473986" "2499494" "2582885" "2711994" "2721089" "2736435" "2774584" "2781312" "2792942" "2886180" "3002384" "3071003" "3080972" "3144878" "3160008" "3250397" "3263812" "3266628" "3327859" "3331509" "3366143" "3408295" "3439809" "3450632" "3462363" "3474600" "3486622" "3493496" "3504796" "3520417" "3522882" "3540030" "3540594" "3556304" "3585596" "3595399" "3656626" "3664506" "3688911" "3693632" "3697055" "3724665" "3726793" "3741394" "3746168" "3746174" "3746640" "3747767" "3772189" "3785497" "3794172" "3794173" "3799352" "3802563" "3827636" "3831757" "3853761" "3866469" "3872013" "3879292" "3887463" "3923665" "3950251" "3950253" "3951812" "3959146" "3967638" "4021343" "4024991" "4036755" "4059520" "4059528" "4061573" "4065392" "4066551" "4072615" "4077883" "4107046" "4111813" "4121199" "4145291" "4147631" "4151092" "4154586" "4162979" "4172796" "4173549" "4176063" "4190542" "4195522" "4198296" "4199982" "4212743" "4214993" "4218317" "4224826" "4225443" "4238477" "4253341" "4261863" "4265127" "4265760" "4271015" "4272368" "4275194" "4280906" "4283283" "4298025" "4301010").PN. OR ("4303521" "4306971" "4310828" "4321461" "4358376" "4361050" "4367149" "4378293" "4389311" "4391712" "4404860" "4406291" "4419235" "4419236" "4431533" "4431717" "4436623" "4456222" "4457843" "4459269" "4467767" "4467761" "4483760" | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/10 18:55 |
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EAST Search History

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|-----|------|--|---|----|----|------------------|
| S87 | 1 | "6284129".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/10 18:56 |
| S88 | 1 | S87 and ((time or period) and volum\$5) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/10 19:02 |
| S89 | 0 | (filtered near4 water) and filter and (container or tank or pitcher) and S88 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/10 19:01 |
| S90 | 0 | S88 and (container or tank or pitcher) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/10 19:00 |
| S91 | 0 | S88 and electrode | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/10 19:00 |
| S92 | 1892 | (filtered near4 water) and filter and (container or tank or pitcher) and electrode | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/10 19:01 |
| S93 | 1506 | S92 and ((time or period) and volum\$5) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/10 19:02 |
| S94 | 1774 | S92 and ((time or period) and (amount or volum\$5)) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/10 19:02 |
| S95 | 671 | S94 and (controller or computer or microcontroller or CPU) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/10 19:02 |
| S96 | 156 | S95 and (electrode near4 pair) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/10 19:31 |

EAST Search History

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|----------|-------|--|---|----|----|------------------|
| S97 | 46 | S96 and switch | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/10 19:04 |
| S98 | 4 | S97 and hopper | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/10 19:03 |
| S99 | 112 | S96 and (water near4 (level or amount)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/13 10:47 |
| S10 0 | 5167 | (water near4 filter) and electrode | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/13 13:41 |
| S10 1 | 35572 | (water near4 filter) and (volume or consumption) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/13 11:10 |
| S10 2 | 3330 | S100 and S101 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/13 11:10 |
| S10 3 | 478 | S102 and (electrode near4 pair) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/13 13:25 |
| S10 4 | 211 | S103 and ((control near4 unit) or controller) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/13 11:42 |

EAST Search History

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| S10 5 | 247 | S103 and ((control near4 (circuit or unit)) or controller or cpu or microcontroller or processor or microprocessor) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/13 13:44 |
| S10 6 | 185 | S105 and filter and (container or tank or pitcher) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/13 13:25 |
| S10 7 | 16 | S106 and ((level or volume) near4 sensor) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/13 12:30 |
| S10 8 | 61 | ("1217643" "1862663" "2468357" "2864750" "3095365" "3523891" "3654119" "3728245" "3819504" "3865710" "3925176" "3943044" "4017375" "4061556" "4107021" "4119517" "4119520" "4132620" "4160716" "4180445" "4312736" "4385973" "4419206" "4425216" "4436601" "4451341" "4481096" "4528083" "4572775" "4623436" "4639303" "4761208" "4781805" "4783246" "4784735" "4790914" "4797182" "4839007" "4917782" "4936979" "5062940" "5100502" "5292412" "5324398" "5328584" "5389214" "5427667" "5460702" "5728287" "5759384" "5876757" "5911870" "5928503").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/13 12:58 |
| S10 9 | 1930 | (water near4 filter) and ((level or volume) near4 sensor) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/13 13:17 |
| S11 0 | 1241 | S109 and ((control near4 (circuit or unit)) or controller or cpu or microcontroller or processor or microprocessor) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/13 13:21 |

EAST Search History

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| S11 1 | 915 | S110 and filter and (container or tank or pitcher) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/13 13:25 |
| S11 2 | 34 | S111 and (electrode near4 pair) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/13 13:35 |
| S11 3 | 3 | water and pitcher and (fill near4 level) and (electrode near4 pair) and (consumption or volume) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/13 13:36 |
| S11 4 | 3281 | (water near4 filter) and electrode and (volume or (amount near4 (used or consumed))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/13 13:42 |
| S11 5 | 1097 | S114 and ((control near4 (circuit or unit)) or controller or cpu or microcontroller or processor or microprocessor) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/13 15:35 |
| S11 6 | 3281 | (water near4 filter) and electrode and (volume or (amount near4 (used or consumed))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/13 15:35 |
| S11 7 | 1097 | S116 and ((control near4 (circuit or unit)) or controller or cpu or microcontroller or processor or microprocessor) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/13 15:35 |
| S11 8 | 889 | S117 and (added or consumed) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/13 15:45 |

EAST Search History

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|----------|------|---|---|----|----|------------------|
| S11 9 | 152 | S118 and (filt\$4 near4 (amount or volume)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/13 15:47 |
| S12 0 | 55 | ("5328597").URPN. | USPAT | OR | ON | 2006/03/13 15:54 |
| S12 1 | 22 | ("4306971" "4431533" "4436223" "4469602" "4623451" "4623457" "4681677" "4683054" "4711368" "4814090" "4830757" "4845470" "4849098" "4851818" "4895648" "4918426" "4964155" "4986901" "5089144" "5128034" "5190643" "5255819").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/13 15:55 |
| S12 2 | 34 | ("4436223").URPN. | USPAT | OR | ON | 2006/03/13 17:33 |
| S12 3 | 3281 | (water near4 filter) and electrode and (volume or (amount near4 (used or consumed))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/13 17:33 |
| S12 4 | 1097 | S123 and ((control near4 (circuit or unit)) or controller or cpu or microcontroller or processor or microprocessor) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/13 17:33 |
| S12 5 | 889 | S124 and (added or consumed) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/13 17:33 |
| S12 6 | 152 | S125 and (filt\$4 near4 (amount or volume)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/13 17:33 |
| S12 7 | 85 | S126 and (resistance or capacitance or voltage or current) | USPAT | OR | ON | 2006/03/13 17:49 |
| S12 8 | 19 | bubble near4 (level near4 switch) | USPAT | OR | ON | 2006/03/14 11:32 |
| S12 9 | 1 | S128 and electrode | USPAT | OR | ON | 2006/03/13 17:50 |

EAST Search History

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| S13 0 | 21 | bubble near4 (sensor near4 electrode) | USPAT | OR | ON | 2006/03/14 11:55 |
| S13 1 | 19 | bubble near4 (level near4 switch) | USPAT | OR | ON | 2006/03/14 11:32 |
| S13 2 | 0 | S130 and S131 | USPAT | OR | ON | 2006/03/14 11:32 |
| S13 3 | 3284 | (water near4 filter) and electrode and (volume or (amount near4 (used or consumed))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/14 13:34 |
| S13 4 | 1099 | S133 and ((control near4 (circuit or unit)) or controller or cpu or microcontroller or processor or microprocessor) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/14 11:55 |
| S13 5 | 891 | S134 and (added or consumed) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/14 11:55 |
| S13 6 | 152 | S135 and (filt\$4 near4 (amount or volume)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/14 11:55 |
| S13 7 | 22 | S136 and display | USPAT | OR | ON | 2006/03/14 11:57 |
| S13 8 | 6293 | (electrode near4 pair)and ((control near4 (circuit or unit)) or controller or cpu or microcontroller or processor or microprocessor) and (container or tank or pitcher) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/14 13:46 |
| S13 9 | 250 | (water near4 filter) and S138 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/14 13:46 |
| S14 0 | 25 | S139 and (detection near4 sensor) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/14 13:35 |

EAST Search History

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| S14 1 | 1204 | 73/304C.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/14 13:45 |
| S14 2 | 2498 | 73/290R.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/14 13:45 |
| S14 3 | 63 | S138 and S141 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/14 13:46 |
| S14 4 | 15 | S138 and S142 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/14 13:46 |
| S14 5 | 1 | (water near4 filter) and S143 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/14 13:46 |
| S14 6 | 0 | (water near4 filter) and S144 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/14 13:46 |
| S14 7 | 21 | S143 and filter | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/14 13:47 |
| S14 8 | 7 | S144 and filter | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/14 13:48 |
| S14 9 | 1 | "4623451".PN. | USPAT; USOCR | OR | ON | 2006/03/15 16:13 |

EAST Search History

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| S15 0 | 9529 | water and (container or tank or pitcher) and (electrode near4 pair) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/15 16:44 |
| S15 1 | 1219 | S150 and (water near4 (level or height or detection)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/15 16:18 |
| S15 2 | 381 | S151 and (controller or CPU or microcontroller or processor or microprocessor) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/15 16:45 |
| S15 3 | 1204 | 73/304C.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/15 16:42 |
| S15 4 | 1208 | 73/304R.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/15 16:42 |
| S15 5 | 54 | S153 and S150 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/15 17:09 |
| S15 6 | 37 | S154 and S150 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/15 17:10 |
| S15 7 | 31 | S155 and (controller or CPU or microcontroller or processor or microprocessor) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/15 16:45 |
| S15 8 | 15 | S156 and (controller or CPU or microcontroller or processor or microprocessor) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/15 16:54 |
| S16 0 | 9 | ("4003259" "4589077" "4601201" "4611489" "4716536" "5103368" "5406843" "5423214" "5613399").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/15 17:55 |

EAST Search History

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| S16 1 | 9529 | water and (container or tank or pitcher) and (electrode near4 pair) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/15 19:30 |
| S16 2 | 1219 | S161 and (water near4 (level or height or detection)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/15 19:30 |
| S16 3 | 381 | S162 and (controller or CPU or microcontroller or processor or microprocessor) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/15 19:30 |
| S16 4 | 363 | S163 and (resistance or capacitance or voltage or current) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/15 19:31 |